

## AMENDMENTS TO THE CLAIMS

**Claim 1 (Currently Amended)** An image transmission system comprising:

a plurality of image generating apparatuses, each image generating apparatus of said plurality of image generating apparatuses being of which is operable to generate and transmit an a respective image; and

an image projecting apparatus operable to project ~~the plurality of images~~ each respective image transmitted from each image generating apparatus of said plurality of image generating apparatuses ~~apparatus~~,

wherein said image projecting apparatus includes:

\_\_\_\_\_ a projection unit operable to receive and project each respective image transmitted from said plurality of image generating apparatuses;

\_\_\_\_\_ a status monitoring unit operable to monitor a status of communication ~~with~~ between said image projecting apparatus and said plurality of image generating apparatuses;

\_\_\_\_\_ a beacon generating unit operable to generate information related to the status of communication ~~status which is being~~ monitored by said status monitoring unit; and

\_\_\_\_\_ a transmitting unit operable to transmit the ~~generated~~ information generated by said beacon generating unit to said plurality of image generating apparatuses ~~apparatus~~, and

wherein each respective image generating apparatus of said plurality of image generating apparatuses ~~apparatus~~ includes:

\_\_\_\_\_ a receiving unit operable to receive the information transmitted from said transmitting unit of said image projecting apparatus;

\_\_\_\_\_ an analyzing unit operable to analyze the information received by said receiving

unit; and

\_\_\_\_\_ a display unit operable to display whether or not said image projection apparatus  
can project the respective image generated by said respective image generating apparatus of said  
plurality of image generating apparatuses, based on a result of the analysis of said analyzing unit.

**Claim 2 (Currently Amended)** The image transmission system according to Claim 1,  
wherein said beacon generating unit is operable to generate the information related to the  
status of communication at a predetermined interval of time.

**Claim 3 (Currently Amended)** The image transmission system according to Claim 1,  
wherein said transmitting unit is operable to broadcast the ~~generated~~ information  
generated by said beacon generating unit to said plurality of image generating apparatuses.

**Claim 4 (Currently Amended)** The image transmission system according to Claim 1,  
wherein said analyzing unit is operable to identify said image projecting apparatus ~~as to~~  
~~be~~ an originator of the information generated by said beacon generating unit,  
wherein each image generating apparatus of said plurality of image generating  
apparatuses ~~apparatus~~ further includes a notification unit operable to notify said identified image  
projecting apparatus of the reception of the information generated by said beacon generating  
unit,

wherein said status monitoring unit is operable to count ~~the~~ a number of received  
notifications, ~~as the~~ a number of image generating apparatuses, of said plurality of image

generating apparatuses, connected to said image projecting apparatus, and

wherein said beacon generating unit is operable to generate the information to include-  
~~including~~ the counted number of ~~said~~ image generating apparatuses.

**Claim 5 (Currently Amended)**      The image transmission system according to Claim 1,  
wherein said image projecting apparatus further includes an ID assignment unit operable  
to assign a unique identifier to identify said image projecting apparatus, and  
wherein said beacon generating unit is operable to generate the information to include-  
~~including~~ the unique identifier.

**Claim 6 (Currently Amended)**      The image transmission system according to Claim 5,  
wherein said image transmission system further comprises a ~~comprising~~ said plurality of  
said image projecting apparatuses,  
wherein said receiving unit is operable to receive the information from said plurality of  
image projecting apparatuses,  
wherein said analyzing unit is operable to identify each respective image projecting  
apparatus of said plurality of image projecting apparatuses ~~apparatus~~ to be an originator of the  
information based on the unique identifier generated by each respective beacon generating unit  
of said plurality of image projecting apparatuses, and  
wherein said display unit is operable to display ~~the~~ each respective unique identifier of  
each respective identified image projecting apparatus ~~said identified image projecting apparatus~~.

**Claim 7 (Currently Amended)**     ~~The~~An image transmission system comprising: according  
to Claim 5,

a plurality of image generating apparatuses, each image generating apparatus of said  
plurality of image generating apparatuses being operable to generate and transmit a respective  
image; and

an image projecting apparatus operable to project each respective image transmitted from  
each image generating apparatus of said plurality of image generating apparatuses,

wherein said image projecting apparatus includes:

a status monitoring unit operable to monitor a status of communication between  
said image projecting apparatus and said plurality of image generating apparatuses;

a beacon generating unit operable to generate information related to the status of  
communication monitored by said status monitoring unit;

a transmitting unit operable to transmit the information generated by said beacon  
generating unit to said plurality of image generating apparatuses;

an ID assignment unit operable to assign a unique identifier to identify said image  
projecting apparatus;

a confirmation packet receiving unit operable to receive a confirmation packet  
inquiring about a location of said image projecting apparatus; and

a response output unit operable to output a response to the reception of the  
confirmation packet upon receiving the confirmation packet,

wherein said beacon generating unit is operable to generate the information to  
include the unique identifier, and

wherein each respective image generating apparatus of said plurality of image generating apparatuses includes:

a receiving unit operable to receive the information transmitted from said transmitting unit of said image projecting apparatus;

an analyzing unit operable to analyze the information received by said receiving unit;

a display unit operable to display a result of the analysis of said analyzing unit;  
and

~~wherein said image generating apparatus further includes~~

~~an inquiry unit operable to accept the assignment of the unique identifier of said image projecting apparatus, to generate [[a]] the confirmation packet for inquiring about the location of said image projecting apparatus, and to transmit the generated confirmation packet to said image projecting apparatus assigned having the unique identifier;~~

~~said image projecting apparatus further includes:~~

~~a confirmation packet receiving unit operable to receive the confirmation packet; and~~

~~a response output unit operable to output a response to the reception of the confirmation packet upon receiving the confirmation packet.~~

**Claim 8 (Previously Presented)**     The image transmission system according to Claim 7,

wherein said response output unit is operable to output the response by making a buzzer sound or flashing an LED lamp.

**Claim 9 (Currently Amended)** An image transmission method of transmitting a plurality of images from a plurality of image generating apparatuses, each image generating apparatus of the plurality of image generating apparatuses generating and transmitting of which generates an a respective image[[,]] to an image projecting apparatus ~~which~~ that projects ~~the~~ each respective image transmitted from the plurality of image generating apparatuses ~~plurality of images,~~

wherein said image transmission method comprises ~~comprising~~ the following steps to be executed by the image projecting apparatus:

\_\_\_\_\_ a projection step of projecting each respective image generated and transmitted from the plurality of image generating apparatuses;

\_\_\_\_\_ a status monitoring step of monitoring a status of communication ~~with~~ between the image projecting apparatus and the plurality of image generating apparatuses;

\_\_\_\_\_ a beacon generating step of generating information related to the status of communication ~~status which is being~~ monitored in said status monitoring step; and

\_\_\_\_\_ a transmitting step of transmitting the ~~generated~~ information generated by said beacon generating step to the plurality of image generating apparatuses ~~apparatus, and~~

wherein said image transmission method comprises ~~comprising~~ the following steps to be executed by each respective image generating apparatus of the plurality of the image generating apparatuses ~~apparatus:~~

\_\_\_\_\_ a receiving step of receiving the information transmitted by said transmitting step ~~from the image projecting apparatus;~~

\_\_\_\_\_ an analyzing step of analyzing the information received by said receiving step;  
and

\_\_\_\_\_ a display step of displaying whether or not the image projecting apparatus can project the respective image generated by the respective image generating apparatus of the plurality of image generating apparatuses, based on a result of the analysis-in performed by said analyzing step.

**Claim 10 (Currently Amended)** An image generating apparatus~~in~~of an image transmission system~~which comprises~~including a plurality of image generating apparatuses, each image generating apparatus of the plurality of image generating apparatuses generating and transmitting a respective~~of which generates an image~~, and including an image projecting apparatus that~~which projects the plurality of images~~ each respective image transmitted from ~~said image generating apparatus~~ the plurality of image generating apparatuses, said image generating apparatus comprising:

a receiving unit operable to receive information related to a status of communication~~with said~~ between the plurality of image generating apparatuses ~~from~~ and the said image projecting apparatus;

an analyzing unit operable to analyze the received information received by said receiving unit; and

a display unit operable to display whether or not the image projecting apparatus can project the respective image generated by said image generating apparatus, based on a result of the analysis of the received information ~~by~~of said analyzing unit.

**Claim 11 (Currently Amended)** A computer-readable recording medium having a program

recorded thereon, the program for use in an image generating apparatus-in of an image transmission system-which comprises including a plurality of image generating apparatuses, each image generating apparatus of the plurality of image generating apparatuses generating and transmitting a respective-of which generates an image, and including an image projecting apparatus-which that projects each respective image-the plurality of images transmitted from the plurality of image generating apparatuses-apparatus, said, the program causing a computer to execute the following steps:

a receiving step of receiving information related to a status of communication-with\_ between the plurality of image generating apparatuses-from and the image projecting apparatus,

an analyzing step of analyzing the received information, and

a displaying step of displaying, on each respective image generating apparatus of the plurality of image generating apparatuses, whether or not the image projecting apparatus can project the respective image generated by the respective image generating apparatus, based on a result of the analysis performed by-in said analyzing step.

**Claim 12 (Currently Amended)** An image projecting apparatus-in of an image transmission system-which comprises including a plurality of image generating apparatuses, each image generating apparatus of the plurality of image generating apparatuses generating and transmitting a respective-of which generates an image, and including said-an image projecting apparatus that-which projects each respective image-the plurality of images transmitted from-said the plurality of image generating apparatuses-apparatus, said image projecting apparatus comprising:

a projection unit operable to receive and project each respective image transmitted from



the plurality of image generating apparatuses;

a status monitoring unit operable to monitor a status of communication ~~with said~~ between said image projecting apparatus and the plurality of image generating apparatuses;

a beacon generating unit operable to generate information related to the status of communication-status which is being monitored by said status monitoring unit; and

a transmitting unit operable to transmit the ~~generated~~ information generated by said beacon generating unit to said the plurality of image generating apparatuses-unit, and to cause each respective image generating apparatus of the plurality of image generating apparatuses to display whether or not said image projecting apparatus can project the respective image.

**Claim 13 (Currently Amended)**    A computer-readable recording medium having a program recorded thereon, the program for use in an image projecting apparatus-in of an image transmission system-which comprises including a plurality of image generating apparatuses, each image generating apparatus of the plurality of image generating apparatuses generating and transmitting a respective-of which generates an image, and including an image projecting apparatus-which that projects each respective image-the plurality of images transmitted from the plurality of-said image generating apparatuses-apparatus, said, the program causing a computer to execute the following steps:

a projection step of receiving and projecting each respective image generated and transmitted from the plurality of image generating apparatuses;

a monitoring step of monitoring a status of communication ~~with said~~ between the image projecting apparatus and the plurality of image generating apparatuses;

a beacon generating step of generating information related to the status of communication ~~status which is being~~ monitored in said monitoring step; and

a transmitting step of transmitting the ~~generated~~ information generated by said beacon generating step to said the plurality of image generating apparatuses-apparatus, and causing each respective image generating apparatus of the plurality of image generating apparatuses to display whether or not the image projecting apparatus can project the respective image.

**Claim 14 (New)**      An image transmission system comprising:

a plurality of image generating apparatuses, each image generating apparatus of said plurality of image generating apparatuses being operable to generate and transmit a respective image; and

an image display apparatus operable to display each respective image transmitted from each image generating apparatus of said plurality of image generating apparatuses,

wherein said image display apparatus includes:

an image display unit operable to receive and display each respective image generated and transmitted from said plurality of image generating apparatuses;

a status monitoring unit operable to monitor a status of communication between said image display apparatus and said plurality of image generating apparatuses;

a beacon generating unit operable to generate information related to the status of communication monitored by said status monitoring unit; and

a transmitting unit operable to transmit the information generated by said beacon generating unit to said plurality of image generating apparatuses, and

wherein each respective image generating apparatus of said plurality of image generating apparatuses includes:

a receiving unit operable to receive the information transmitted from said transmitting unit of said image display apparatus;

an analyzing unit operable to analyze the information received by said receiving unit; and

a display unit operable to display whether or not said image display apparatus can display the respective image generated by said respective image generating apparatus of said plurality of image generating apparatuses, based on a result of the analysis of said analyzing unit.